

## Claims:

1. Method for the pretreatment of a plastic surface for the reduction of non-specific binding by chemical entities to said surface comprising the steps of, bedewing at least a portion of the surface with either
  - a) a non ionic surfactant or,
  - b) a cationic surfactant or,
  - c) with both kinds of surfactants in sequential order.
2. Method according to claim 1 wherein, the surface is part of a reservoir for holding or filtrating liquids and all or parts of the reservoir are bedewed.
3. Method according to claim 1 or 2 wherein, reservoir is subdivided into at least two compartments, the reservoir additionally comprises a filter membrane dividing said two compartments
4. Method according to claims 1 to 3 wherein, after bedewing the reservoir an equilibration step is performed.
5. Method according to claim 3 wherein, the equilibration step is performed with a reagent chosen from the group comprising, phosphate buffered saline, saline, and Ringers solution.
6. Method according to any of the above claims wherein, the non ionic surfactant is chosen from the group comprising 0.01% to 20% polyoxyethylene sorbitan fatty acid esters (tween), polyoxyethylene alkyl ethers, polyoxyethylene castor oil derivatives, sorbitan fatty acid esters (span), poloxamer (pluronic), and glyceryl monooleate.
7. Method according to claims 1 to 6 wherein, the cationic surfactant is chosen form the group comprising 0.01% to 20% benzalkonium chloride, benzethonium chloride, and cetrimide.

8. Use of a non ionic surfactant or a cationic surfactant for the pretreatment of a plastic reservoir comprising a filter membrane.
9. Use of a non ionic surfactant or a cationic surfactant according to claim 8 wherein, the filter membrane is chosen from the group comprising regenerated cellulose, and polyethisulfone.
10. Use of a non ionic surfactant according to claim 8 or 9 wherein,  
the non ionic surfactant is chosen from the group comprising 0.01% to 20% polyoxyethylene sorbitan fatty acid esters (tween), polyoxyethylene alkyl ethers, polyoxyethylene castor oil derivatives, sorbitan fatty acid esters (span), poloxamer (pluronic), and glyceryl monooleate.
11. Use of a cationic surfactant according to claim 8 or 9 wherein,  
the cationic surfactant is chosen from the group comprising 0.01% to 20% benzalkonium chloride, benzethonium chloride, and cetrimide.
12. Kit for the measurement of binding of small molecules or peptides to serum proteins comprising,
  - a) a reservoir comprising at least two compartments, the reservoir additionally comprising a filter membrane dividing said two compartments and,
  - b) either a cationic surfactant or a nonionic surfactant or both.
13. Plastic surface that has been pretreated according to any of claims 1 to 7.
14. Liquid holding reservoir, optionally comprising a filter membrane wherein, the reservoir is pretreated according to any of claims 1 to 7.